

Focus Area 3: Female Breast Cancer

Objective 3-3 targets an overall reduction in the female breast cancer death rate to 22.3 per 100,000 females.

California's age-adjusted death rates for female breast cancer have declined significantly from 25.5 per 100,000 females in 2000 to 22.6 per 100,000 in 2004 (Figure 3-3, Table 3-3). California's female breast cancer death rate was still slightly above the HP2010 target of 22.3 per 100,000 females as of 2004, but the objective is projected to be achieved prior to the year 2010.

Data by race and ethnicity show that African American/Black females had significantly higher age-adjusted breast cancer death rates than all other racial and ethnic groups: 34.6 per 100,000 in 2004. The next highest breast cancer death rate was reported for White females (25.4 per 100,000 in 2004). Despite statistically significant declines between 2000 and 2004, the HP2010 objective has not yet been achieved for either of these two racial groups.

The HP2010 objective for female breast cancer death rates is, however, being achieved for Asian and Hispanic/Latino females (14.4 per 100,000 and 15.0 per 100,000 population, respectively). Female breast cancer death rates for American Indians/Alaska Natives, Pacific Islanders, and the "Multirace" populations were unreliable due to the small number of events and are not reported here.

For more information on female breast cancer in California, visit the California Cancer Registry Web site at: <http://www.ccrca.org/>

Also see the Cancer Detection Section Web site at:
<http://www.dhs.ca.gov/ps/cdic/ccb/cds/breastcancer.htm>

For more information on Healthy People 2010 objective 3-3, please visit:

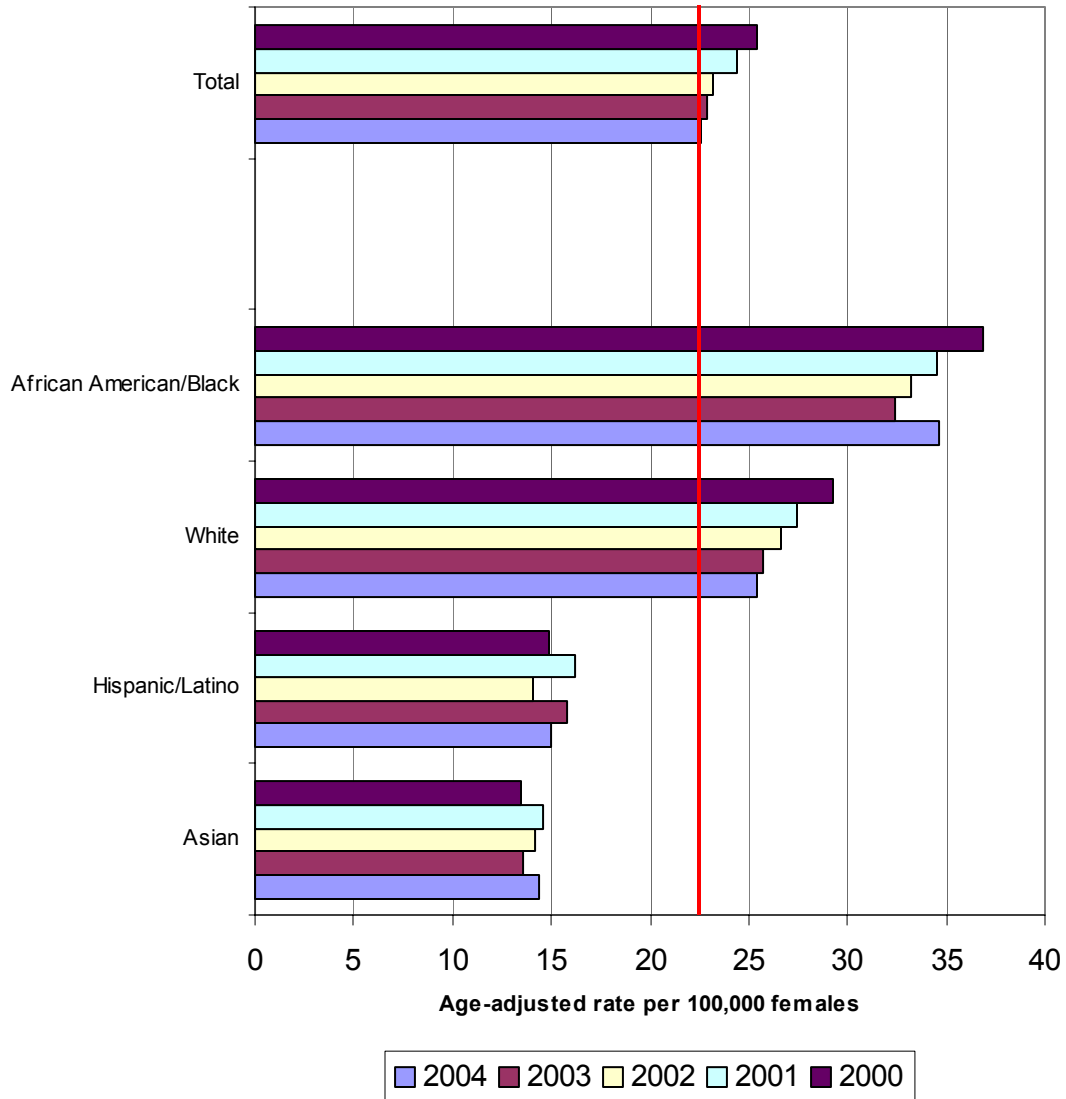
<http://www.healthypeople.gov/Document/HTML/Volume1/03Cancer.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od03.htm>

Figure 3-3
Female Breast Cancer Death Rates
California, 2000-2004

Healthy People 2010 Objective = 22.3



**Table 3-3: Female Breast Cancer Deaths and Death Rates
California, 2000-2004**

Objective 3-3	2000 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2001 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		22.3				22.3		
Statewide Total	4,223	25.5	24.7	26.2	4,185	24.4	23.6	25.1
Race-Ethnicity								
African American/Black	359	36.8	33.0	40.6	353	34.6	30.9	38.2
American Indian/Alaska Native	12	DSU	-----	-----	9	DSU	-----	-----
Asian	250	13.4	11.8	15.1	285	14.6	12.9	16.3
Hispanic/Latino	438	14.9	13.4	16.4	504	16.2	14.7	17.7
Pacific Islander	8	DSU	-----	-----	11	DSU	-----	-----
White	3,152	29.2	28.2	30.3	3,017	27.5	26.5	28.5
Multirace	3	DSU	-----	-----	4	DSU	-----	-----

Objective 3-3	2002 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2003 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		22.3				22.3		
Statewide Total	4,116	23.2	22.5	23.9	4,183	22.9	22.2	23.6
Race-Ethnicity								
African American/Black	345	33.2	29.7	36.8	354	32.4	29.0	35.8
American Indian/Alaska Native	9	DSU	-----	-----	19	DSU	-----	-----
Asian	289	14.2	12.5	15.8	286	13.5	12.0	15.1
Hispanic/Latino	462	14.1	12.7	15.4	554	15.8	14.4	17.1
Pacific Islander	14	DSU	-----	-----	15	DSU	-----	-----
White	2,991	26.6	25.7	27.6	2,937	25.7	24.8	26.7
Multirace	5	DSU	-----	-----	13	DSU	-----	-----

Objective 3-3	2004 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
Healthy People 2010 Target		22.3				
Statewide Total	4,210	22.6	21.9	23.3	Sig. -	No
Race-Ethnicity						
African American/Black	387	34.6	31.2	38.1	ns	No
American Indian/Alaska Native	15	DSU	-----	-----	n/a	Unk
Asian	321	14.4	12.8	16.0	ns	Yes
Hispanic/Latino	544	15.0	13.6	16.3	ns	Yes
Pacific Islander	11	DSU	-----	-----	n/a	Unk
White	2,913	25.4	24.5	26.4	Sig. -	No
Multirace	19	DSU	-----	-----	n/a	Unk

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Breast cancer deaths defined by ICD-10 code C50 .

¹ Rate per 100,000 females, age-adjusted using the 2000 US population standard.

Sig. - Statistically significant decrease in age-adjusted death rates from 2000 to 2004.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis.

n/a Not applicable (fewer than five data points).

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).